

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/15/2004

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL 61757	55.52	41.56	35.90	33.73	34.37	37.28	39.92	58.11	64.32	66.33	70.45	67.93	66.43	65.85	65.60	64.74	65.64	67.15	65.89	66.00	72.25	67.37	61.85	55.76
	2.76	2.06	1.82	1.78	1.82	1.92	1.99	2.52	3.07	3.14	3.52	3.48	3.42	3.48	3.36	3.22	3.14	3.28	3.32	3.27	3.74	3.36	3.15	3.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL 61754	50.91	37.90	32.83	30.78	31.35	34.03	36.65	54.21	60.11	62.13	65.66	63.18	61.84	61.27	61.14	60.25	61.29	62.36	61.00	61.21	67.12	63.07	57.24	50.65
	-1.85	-1.60	-1.25	-1.17	-1.20	-1.33	-1.28	-1.38	-1.14	-1.06	-1.27	-1.27	-1.17	-1.10	-1.10	-1.27	-1.21	-1.51	-1.57	-1.52	-1.39	-0.94	-1.46	-2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD 61760	56.14	42.03	29.28	25.96	28.95	31.28	32.20	56.50	64.29	64.11	70.17	66.68	63.62	62.94	63.53	63.05	64.23	69.81	68.51	68.38	74.26	68.55	63.34	56.83
	3.38	2.53	2.04	1.95	2.02	2.23	2.43	3.67	4.04	4.11	5.29	5.35	5.29	5.18	5.23	5.48	5.50	5.94	5.94	5.65	5.75	4.54	4.64	4.11
	0.00	0.00	6.84	7.94	5.62	6.31	8.16	2.76	1.00	3.19	2.05	3.12	4.68	4.61	3.94	3.95	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE 61753	48.48	35.94	31.39	29.50	30.01	32.39	34.73	50.72	56.62	58.75	61.96	59.60	58.35	57.77	57.70	56.35	57.38	58.15	56.94	57.18	63.06	59.59	53.93	47.93
	-4.28	-3.56	-2.69	-2.45	-2.54	-2.97	-3.20	-4.87	-4.63	-4.44	-4.97	-4.85	-4.66	-4.60	-4.54	-5.17	-5.12	-5.72	-5.63	-5.55	-5.45	-4.42	-4.77	-4.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q 61844	44.53	39.58	34.15	32.01	32.62	33.68	37.97	55.53	61.01	62.94	66.53	64.06	62.57	61.93	61.74	61.03	62.00	63.42	62.13	62.29	68.03	63.56	58.29	52.61
	0.05	0.08	0.07	0.06	0.07	0.07	0.04	-0.06	-0.24	-0.25	-0.40	-0.39	-0.44	-0.44	-0.50	-0.49	-0.50	-0.45	-0.44	-0.44	-0.48	-0.45	-0.41	-0.11
	8.28	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL 61758	55.42	41.53	34.04	31.37	32.57	35.38	37.63	57.57	63.96	65.40	70.53	67.85	66.07	65.33	65.43	65.04	66.11	68.70	67.40	67.75	73.51	67.86	62.56	56.10
	2.66	2.03	1.62	1.35	1.39	1.56	1.69	2.65	2.95	2.98	4.10	4.16	4.19	4.08	4.14	4.48	4.52	4.83	4.83	5.02	5.00	3.85	3.86	3.38
	0.00	0.00	1.66	1.93	1.37	1.54	1.99	0.67	0.24	0.77	0.50	0.76	1.13	1.12	0.95	0.96	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL 61762	63.38	60.40	59.85	58.95	58.78	57.71	58.73	64.83	69.01	75.27	83.08	89.15	89.42	89.40	89.66	89.44	89.37	86.79	86.96	86.73	89.37	85.43	77.82	64.98
	4.10	3.03	2.47	2.37	2.42	2.63	2.84	3.91	4.05	4.29	5.64	5.62	5.59	5.51	5.54	5.78	5.81	6.23	6.21	5.99	6.15	4.97	5.05	4.53
	-6.52	-17.87	-23.30	-24.63	-23.81	-19.72	-17.96	-5.33	-3.71	-7.79	-10.51	-19.08	-20.82	-21.52	-21.88	-22.14	-21.06	-16.69	-18.18	-18.01	-14.71	-16.45	-14.07	-7.73
MHK VL 61756	52.91	39.52	34.05	31.93	32.53	35.37	38.09	55.84	61.51	63.51	66.97	64.46	63.02	62.38	62.21	61.46	62.46	63.83	62.51	62.66	68.51	64.28	58.80	52.77
	0.15	0.02	-0.03	-0.02	-0.02	0.01	0.16	0.25	0.26	0.32	0.04	0.01	0.01	0.01	-0.03	-0.06	-0.04	-0.04	-0.06	-0.07	0.00	0.27	0.10	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD 61759	55.40	41.51	30.20	27.10	29.58	32.01	33.26	56.15	63.54	63.72	69.48	66.22	63.55	62.85	63.27	62.84	63.98	68.72	67.44	67.46	73.27	67.62	62.48	56.12
	2.64	2.01	1.58	1.48	1.51	1.68	1.84	2.75	3.09	3.06	4.18	4.25	4.25	4.14	4.16	4.46	4.47	4.85	4.87	4.73	4.76	3.61	3.78	3.40
	0.00	0.00	5.46	6.33	4.48	5.03	6.51	2.19	0.80	2.53	1.63	2.48	3.71	3.66	3.13	3.14	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C. 61761	59.64	46.62	54.59	55.18	49.68	54.59	62.21	67.14	70.52	77.04	78.47	78.69	81.27	80.35	78.52	78.26	78.63	74.77	74.31	73.56	78.26	73.63	67.54	57.58
	4.00	2.96	2.47	2.33	2.36	2.61	2.85	4.31	4.76	4.77	5.98	6.04	5.98	5.87	5.92	6.16	6.23	6.55	6.54	6.31	6.47	5.22	5.50	4.86
	-2.88	-4.16	-18.04	-20.90	-14.77	-16.62	-21.43	-7.24	-4.51	-9.08	-5.56	-8.20	-12.28	-12.11	-10.36	-10.58	-9.90	-4.35	-5.20	-4.52	-3.28	-4.40	-3.34	0.00
NORTH 61755	52.33	39.34	33.92	31.80	32.40	35.21	37.60	55.15	60.51	62.49	65.83	63.27	61.74	61.11	60.95	60.25	61.21	62.62	61.34	61.53	67.20	62.88	57.63	52.07
	-0.43	-0.16	-0.16	-0.15	-0.15	-0.15	-0.33	-0.44	-0.74	-0.70	-1.10	-1.18	-1.27	-1.26	-1.29	-1.27	-1.29	-1.25	-1.23	-1.20	-1.31	-1.13	-1.07	-0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX 61845	46.96	41.44	35.68	33.48	34.11	35.31	39.75	58.15	64.07	66.03	70.41	68.00	66.48	65.80	65.73	65.09	66.06	67.64	66.32	66.43	72.42	67.21	61.81	55.62
	2.48	1.94	1.60	1.53	1.56	1.70	1.82	2.56	2.82	2.84	3.48	3.55	3.47	3.43	3.49	3.57	3.56	3.77	3.75	3.70	3.91	3.20	3.11	2.90
	8.28	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

O H 61846	38.04 <b>-6.44</b> 8.28	34.25 <b>-5.25</b> 0.00	29.96 <b>-4.12</b> 0.00	28.12 <b>-3.83</b> 0.00	28.61 <b>-3.94</b> 0.00	29.26 <b>-4.35</b> 1.75	33.04 <b>-4.89</b> 0.00	48.86 <b>-6.73</b> 0.00	54.64 <b>-6.61</b> 0.00	56.68 <b>-6.51</b> 0.00	59.57 <b>-7.36</b> 0.00	57.17 <b>-7.28</b> 0.00	56.02 <b>-6.99</b> 0.00	55.70 <b>-6.67</b> 0.00	55.83 <b>-6.41</b> 0.00	54.69 <b>-6.83</b> 0.00	55.63 <b>-6.87</b> 0.00	56.08 <b>-7.79</b> 0.00	54.81 <b>-7.76</b> 0.00	55.14 <b>-7.59</b> 0.00	60.29 <b>-8.22</b> 0.00	57.67 <b>-6.34</b> 0.00	51.60 <b>-7.10</b> 0.00	45.50 <b>-7.22</b> 0.00
PJM 61847	40.00 <b>-4.48</b> 8.28	35.00 <b>-4.50</b> 0.00	30.77 <b>-3.31</b> 0.00	28.85 <b>-3.10</b> 0.00	29.39 <b>-3.16</b> 0.00	30.22 <b>-3.39</b> 1.75	34.71 <b>-3.22</b> 0.00	53.14 <b>-2.45</b> 0.00	59.47 <b>-1.78</b> 0.00	61.61 <b>-1.58</b> 0.00	64.86 <b>-2.07</b> 0.00	62.52 <b>-1.93</b> 0.00	61.37 <b>-1.64</b> 0.00	61.31 <b>-1.06</b> 0.00	61.31 <b>-0.93</b> 0.00	60.23 <b>-1.29</b> 0.00	61.31 <b>-1.19</b> 0.00	61.32 <b>-2.55</b> 0.00	59.69 <b>-2.88</b> 0.00	60.10 <b>-2.63</b> 0.00	66.11 <b>-2.40</b> 0.00	62.60 <b>-1.41</b> 0.00	55.00 <b>-3.70</b> 0.00	46.97 <b>-5.75</b> 0.00
WEST 61752	46.73 <b>-6.03</b> 0.00	34.44 <b>-5.06</b> 0.00	30.21 <b>-3.87</b> 0.00	28.34 <b>-3.61</b> 0.00	28.86 <b>-3.69</b> 0.00	31.30 <b>-4.06</b> 0.00	33.44 <b>-4.49</b> 0.00	49.86 <b>-5.73</b> 0.00	55.85 <b>-5.40</b> 0.00	57.93 <b>-5.26</b> 0.00	60.82 <b>-6.11</b> 0.00	58.36 <b>-6.09</b> 0.00	57.19 <b>-5.82</b> 0.00	56.93 <b>-5.44</b> 0.00	57.10 <b>-5.14</b> 0.00	55.95 <b>-5.57</b> 0.00	56.92 <b>-5.58</b> 0.00	57.17 <b>-6.70</b> 0.00	55.87 <b>-6.70</b> 0.00	56.24 <b>-6.49</b> 0.00	61.56 <b>-6.95</b> 0.00	58.91 <b>-5.10</b> 0.00	52.34 <b>-6.36</b> 0.00	45.78 <b>-6.94</b> 0.00